* **REST AND REST API**

* **REST** : It is an architectural guideline to develop Web API
  - It is not any framework, library or not a language, it's simple guideline

* **REST API** : The API which is developed using REST is known as REST API / RESTFul API

CRUD operations :

operation	HTTP method	Description
create	POST	creating record
Read	GET	Retrieving Data
Update	PUT, PATCH	complete upate, Partial update
Delete	DELETE	Deleting Data

URL :

http://abc.com/api/students

    1   2   3

1) Base URL
2) Naming convention
3) Resource of API or End-point

• **Request - Response -**

1) Request for all students.

Request	Response
GET: /api/students	[{"id": 1, "name": "sonal { ....]

2) Request for one student with id 1

GET: /api/student/1

3) Posting Data.   : send request with data

POST: api/student
{ 'name' : 'shubhangi' }

4) Updating data with id

PUT or PATCH : /api/students/1
{ "name" : "snehal" }

5) Deleting Data with id

DELETE : /api/student/1